			w
	Application No.	Applicant(s)	-
Notice of Allowability	09/493,210	NAGAI ET AL.	
	Examiner	Art Unit	
	Lourdes (Elle) Cruz	2827	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in to the state of th	nis application. If not include ication will be mailed in due	ed course. THIS
1. This communication is responsive to <u>a Petition granted in the second second second</u>	<u>2-12-2004</u> .		
2. ⊠ The allowed claim(s) is/are <u>1-18</u> .			
3. $igotimes$ The drawings filed on <u>5-7-2002</u> are accepted by the Exa	nminer.		
4. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents had 2. Certified copies of the priority documents had 3. Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be sufficiently applicated by the comply will result in ABANDON CORRECTED DRAWINGS (as "replacement sheets") makes the complex of the complex of the priority documents and the complex of the priority documents and the complex of the priority documents had a complex of the priority documents	ave been received. ave been received in Application documents have been received in Application documents have been received in the second of this communication to file a NMENT of this application. Committed. Note the attached EXAN gives reason(s) why the oath or donust be submitted.	No. <u>08/857,674</u> . In this national stage applical reply complying with the recommendation is deficient.	quirements
(a) including changes required by the Notice of Draftspo	•	PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date		the Office action of	
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	er's Amenament / Comment or in	the Office action of	
Identifying indicia such as the application number (see 37 CFF each sheet. Replacement sheet(s) should be labeled as such i			back) of
 DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN 			Note the
 Attachment(s) 1. ⋈ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ⋈ Information Disclosure Statements (PTO-1449 or PTO/SE Paper No./Mail Date 68) 4. ☐ Examiner's Comment Regarding Requirement for Deposition of Biological Material 	B) 6. ☐ Interview Sum Paper No./M B/08), 7. ☐ Examiner's Ar	rmal Patent Application (PTonmary (PTO-413), ail Date mendment/Comment	·

DETAILED ACTION

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: The following is an examiner's statement of reasons for allowance:

See that there is prior art regarding semiconductor devices comprising an element, a circuit tape, external elements, and pads on the element. For example, see that Goh (US 6667560) discloses the above.

However, the instant Application recites the specific limitation of a porous adhesive support layer to isolate the circuit tape layer from the semiconductor device, and the specific structural disposition of the circuit layer with respect to the semiconductor element and external terminals. The recitation of the above makes up for a structure that comprises multiple layers between the circuit element and the mounting substrate; it also specifies electrical connections between elements such as pads and terminals. The above combination of structural features, in combination with all other structural limitations in the claims, are neither obvious over nor anticipated by the prior art of record. Therefore, all pending claims are allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 09/493,210

Art Unit: 2827

Page 3

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lourdes (Elle) Cruz whose telephone number is (571)

272-1928. The examiner can normally be reached on M-F 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kammand Cuneo can be reached on (571) 272-1957. The fax phone

number for the organization where this application or proceeding is assigned is 703-

872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Lourdes (Elle) Cruz

Examiner

Art Unit 2827

Elle Cruz

David.